

## ABSTRACT

The invention relates to a method for producing a mold for molding objects in a material, called the moldable material, whereby a pattern of the objects to be molded is used and is covered with a material, called the molding material, wherein expanded graphite is used as the molding material, the pattern (3) is covered with expanded graphite to form a continuous layer of expanded graphite or a plurality of separated layers (5, 6) of expanded graphite distributed over the pattern, and the layer(s) of expanded graphite are then compressed against the pattern so as to obtain for each layer a block of consolidated graphite which is impermeable to the moldable material. A variant of the invention consists in utilizing at least one pre-consolidated layer of expanded graphite which is recompressed in at least one direction so as to have a density ranging from 30 to 50 kg/m<sup>3</sup>.